

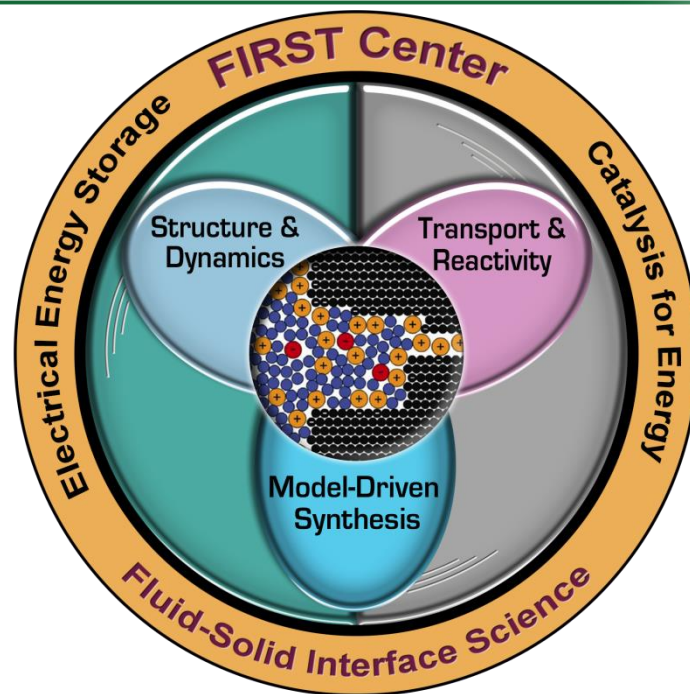
Fluid Interface Reactions, Structures and Transport (FIRST)

David J. Wesolowski (Oak Ridge National Laboratory)

FIRST Center Mission Statement:

To develop fundamental understanding and validated, predictive models of the unique nanoscale environment at fluid-solid interfaces that will enable transformative advances in electrical energy storage and electrocatalysis

<http://web.ornl.gov/sci/first/>



RESEARCH PLAN

FIRST integrates novel experimental and analytical approaches, advanced materials synthesis and characterization, and multiscale computational modeling to achieve a level of understanding of the structures, dynamics, transport properties and reactivity of fluid-solid interfaces sufficient to design and test novel interfacial systems with transformative properties.